

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A method, comprising:

receiving a request for full authentication of a terminal;

transmitting to the terminal a reauthentication identity including a unique realm name uniquely identifying an authentication server in response to the request for full authentication; and

receiving a request for reauthentication from the terminal, the request for reauthentication including the reauthentication identity including the unique realm name uniquely identifying the authentication server;

wherein the request for reauthentication is routed to the authentication server according to the unique realm name included in the request for reauthentication.

2-3. (Cancelled)

4. (Currently amended) An apparatus, comprising:

means for receiving a request for full authentication of a terminal;

means for transmitting to the terminal a reauthentication identity including a unique realm name uniquely identifying an authentication server in response to the request for full authentication; and

means for receiving a request for reauthentication from the terminal, the request for reauthentication including the reauthentication identity including the unique realm name uniquely identifying the authentication server;

wherein the request for reauthentication is routed to the authentication server according to the unique realm name included in the request for reauthentication.

5-6. (Cancelled)

7. (Previously presented) A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor in an authentication network element, wherein said computer program code includes instructions for performing a method according to claim 1.

8-9. (Cancelled)

10. (Currently amended) A system, comprising:

a first authentication server configured to receive a request for full authentication of a terminal, and configured to transmit to the terminal a reauthentication identity including a unique realm name uniquely identifying the first authentication server in response to the request for full authentication; and

a second authentication server configured to receive a request for reauthentication from the terminal, the request for reauthentication including the reauthentication identity including the unique realm name identifying the first authentication ~~services~~server, and configured to route the request for reauthentication to the first authentication server according to the unique realm name identifying the first authentication server.

11-12. (Cancelled)

13. (Currently amended) An apparatus, comprising:

means for transmitting a request for full authentication to a first authentication server;

means for receiving from the first authentication server a reauthentication identity including a unique realm name uniquely indicating the first authentication server in response to the request for full authentication; and

means for transmitting to a second authentication server a request for reauthentication using the reauthentication identity including the unique realm name.

14. (Previously presented) The apparatus as in claim 13, wherein the means for transmitting to the second authentication server includes the reauthentication identity in an identity response packet according to an Extensible Authentication Protocol.

15. (Currently amended) An apparatus, comprising a processor configured to:

receive a request for full authentication of a terminal;

transmit to the terminal a reauthentication identity including a unique realm name uniquely identifying an authentication server in response to the request for full authentication;
and

receive a request for reauthentication from the terminal, the request for reauthentication including the reauthentication identity including the unique realm name uniquely identifying the authentication server;

wherein the request for reauthentication is routed according to the authentication server according to the unique realm name included in the request for reauthentication.

16-19. (Cancelled)

20. (Currently amended) An apparatus, comprising a processor configured to:

transmit a request for full authentication to a first authentication server;

receive from the first authentication server a reauthentication identity including a unique realm name uniquely indicating the first authentication server in response to the request for full authentication; and

transmit to a second authentication server a request for reauthentication using the reauthentication identity including the unique realm name.

21. (Previously presented) The apparatus as in claim 20, wherein the processor is configured to include the reauthentication identity in an identity response packet according to an Extensible Authentication Protocol.

22-23. (Cancelled)

24. (Previously presented) The apparatus as in claim 4, wherein the apparatus comprises an authentication server.

25. (Previously presented) The apparatus as in claim 4, wherein the apparatus comprises a proxy server.

26. (Previously presented) The apparatus as in claim 4, wherein the apparatus comprises a service access point for authentication by the authentication server.

27. (Currently amended) A method, comprising:

transmitting a request for full authentication to a first authentication server;

receiving from the first authentication server a reauthentication identity including a unique realm name uniquely indicating the first authentication server in response to the request for full authentication; and

transmitting to a second authentication server a request for reauthentication using the reauthentication identity including the unique realm name.

28. (Previously presented) A method as in claim 27, wherein the reauthentication identity is included in an identity response packet according to an Extensible Authentication Protocol.

29. (Previously presented) A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor in a terminal, wherein said computer program code includes instructions for performing a method according to claim 27.